

3.2.5: Factoring Game

$$3x(5x - 4)(x + 1)$$

$$9x^2 - 1$$

$$(3x + 1)^2$$

$$(5x - 3)(2x + 1)$$

$$5x^2 - 10x$$

$$2(5x - 6)(5x + 6)$$

$$5x(x - 2)$$

$$x^4 - 81$$

$$(1 + x)(3x + 1)$$

$$(3x - 1)(3x + 1)$$

$$(5 + x)(8 + x)^2 x$$

$$4(2x + 3)(2x - 3)$$

$$15x^2 + 3x - 12$$

$$10x^2 + x - 3$$

$$3(5x - 4)(x + 1)$$

$$(x - 8)(x + 5)$$

$$15x^3 - 30x^2 + 10x$$

$$x^2 + 13x + 40$$

$$(3 - 5x)(1 + 3x)$$

$$y(5x - 2)$$

$$15x^2 + 3x - 12$$

$$50x^2 - 72$$

$$10x^2 - x - 3$$

$$(5x + 3)(2x - 1)$$

$$3 + 4x - 15x^2$$

$$x^2 - 2 - 4x$$

$$(2x + 3)(x + 5)$$

$$x^2 + 12x - 45$$

$$1 + x^9 - x^6$$

$$(x + 7)(x - 4)$$

$$(x + 8)(x - 5)$$

$$2x^2 - 6x + 2$$

$$(2 + x)(3 + x)x$$

$$x^2 - 3x - 40$$

$$(3x - 1)^2$$

$$1 + x^9 + x^6$$

$$(1 + x)(8 + x)^2 x$$

$$4x^2 - 3x + 2$$

$$(x + 15)(x - 3)$$

$$x^2 + 3x - 28$$

$$(x + 8)(x + 5)$$

$$2x^2 + 13x^3 + 40x^4$$

$$(3 - x)(x + 3)(x + 6 + x^2)$$

$$x(5y - 2)$$

$$x^3 + 5x^2 + 6x$$

$$3(5x - 4)(x + 1)$$

$$5xy - 2y$$

$$9x^2 - 3x + 9$$

$$2x^2 + 13x + 15$$